

Ambient Concentrations of Manganese Compounds in EPA Region 5

<http://cfpub.epa.gov/eroe/index.cfm?fuseaction=detail.viewInd&lv=list.listByAlpha&r=231334&subtop=341>

2009 TSP-Mn data for 53 sites in R5

Land Use	n	25th%	10th%	Median	90th%	75th%	n>RfC
Commercial/Mobile	15	0.021	0.015	0.028	0.115	0.048	5
Industrial	22	0.021	0.019	0.024	0.098	0.065	7
Residential	16	0.015	0.009	0.021	0.098	0.054	5

2011 TSP-Mn data for 63 sites in R5

Land Use	n	25th	10th	med	90th	75th	N>RfC
Commercial/Mobile	12	0.027	0.019	0.045	0.136	0.108	6
Industrial	33	0.020	0.017	0.044	0.176	0.093	16
Residential	18	0.010	0.008	0.014	0.141	0.037	4

Updated Mn trend indicator

Year	90th perc	Average	10th perc	Median	
2000	0.225	0.121	0.013	0.033	
2001	0.225	0.110	0.013	0.035	% decrease in Ave.
2002	0.182	0.098	0.014	0.030	42.9
2003	0.180	0.090	0.015	0.039	
2004	0.170	0.122	0.012	0.037	% decrease in Median
2005	0.166	0.115	0.013	0.041	13.5
2006	0.145	0.123	0.010	0.035	
2007	0.167	0.119	0.013	0.036	
2008	0.143	0.091	0.011	0.025	
2009	0.088	0.058	0.010	0.025	
2010	0.149	0.096	0.013	0.027	
2011	0.137	0.069	0.012	0.029	

